

Subject: Coble's Wetlands Letter

From: "Van Burbach" <vburbach@joyceengineering.com>

Date: Wed, 5 Nov 2008 08:27:28 -0500

To: <ming.chao@ncmail.net>

CC: "Michelle Brown" <mbrown@joyceengineering.com>

DIN = 6161

Ming –

Here our letter responding to questions about wetlands on the Coble's Sandrock property. If you have any questions, please let me know.

- Van

Van Burbach, Ph.D., P.G.

Technical Consultant

Joyce Engineering, Inc.

2211 W. Meadowview Rd., Ste. 101

Greensboro, NC 27407

(336) 323-0092

| Scanned by | Date | Doc ID # |
|------------|----------|----------|
| Ming Chao | 11/05/08 | 6161 |

Coble's - Wetlands Letter to DENR - Nov 2008.pdf

Coble's - Wetlands
Content-Description: Letter to DENR - Nov 2008.pdf
Content-Type: application/octet-stream
Content-Encoding: base64



Waste Industry Experts

Joyce Engineering, Inc
2211 W. Meadowview Road
Suite 101
Greensboro, NC 27407

tel: 336/323-0092

fax: 336/323-0093

www.JoyceEngineering.com

November 4, 2008

Mr. Ming Chao, PE
NCDENR/Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

**RE: No Delineated Wetlands on Coble's Sandrock Property
Coble's Sandrock Construction & Demolition Debris Landfill
Permit No. 01-05
Alamance County, North Carolina
JEI Project No. 419.00, Task 30**

Dear Mr. Chao:

On behalf of Coble's Sandrock, Joyce Engineering, Inc. (JEI) is submitting the following response to questions concerning the possible presence of wetlands within the proposed expansion area for the Coble's Sandrock C&D Landfill. As part of hydrogeologic investigations and preparation of the Site Suitability Permit Application for the expansion Coble's Sandrock C&D Landfill, JEI reviewed National Wetlands Inventory maps of the area and found no delineated wetlands within or adjoining the proposed expansion property. Furthermore, JEI has found no documentation indicating that there are or ever have been any delineated wetlands on the property. JEI has observed no low-lying wet areas within the proposed waste disposal area or any areas likely to be impacted by proposed construction activities on the site.

Site observations during the hydrogeologic investigations indicated an area on the southernmost part of the expansion property that is low-lying with a shallow groundwater table. Hand-augured piezometers P-27, P-28, P-29, and P-30 were installed in this area because access with a full-size drilling rig would be difficult and it was speculated that there may have been potential for minor wetlands impacts if roads were constructed to allow drill rig access to this area. JEI never stated or implied that we believed wetlands to exist in this area; however, we wished to avoid any possibility of inadvertent wetlands impacts. The area in question is outside of the proposed waste disposal area and it is outside of the area that could be impacted by proposed construction activities; therefore, no wetland delineation is required. Furthermore, this area is separated from the proposed waste area by a groundwater discharge feature (a creek) which should protect it from any potential impact from the landfill.

If you have any questions, please call me or Michelle Brown at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.

A handwritten signature in black ink, appearing to read "Van Burbach", is written over the typed name.

Van Burbach, Ph.D., P.G.
Technical Consultant

C: Kent Coble – Coble's Sandrock
JEI File